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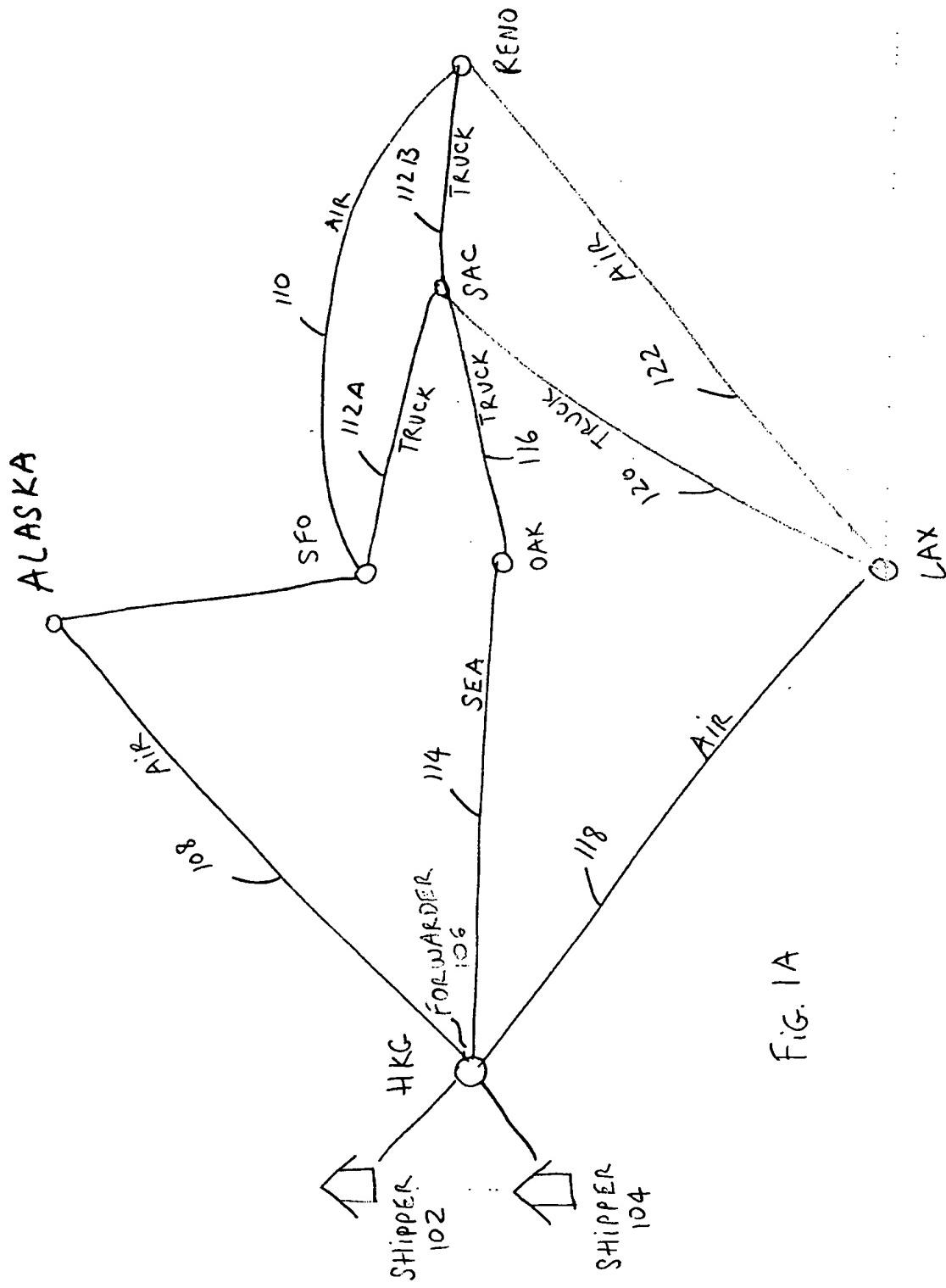


Fig. 1A

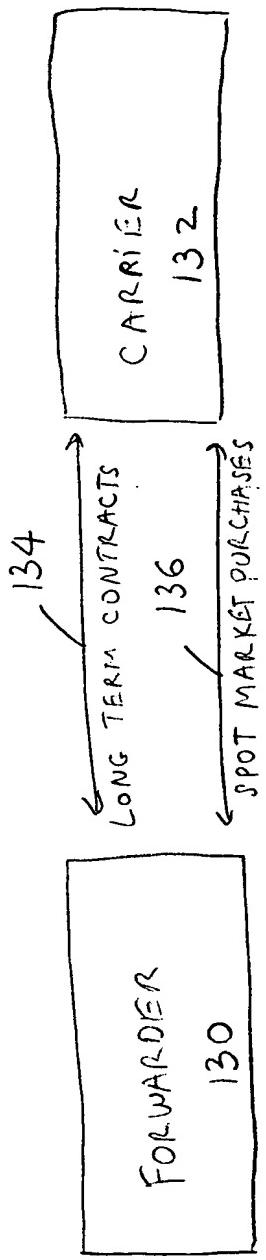


Fig. 1B

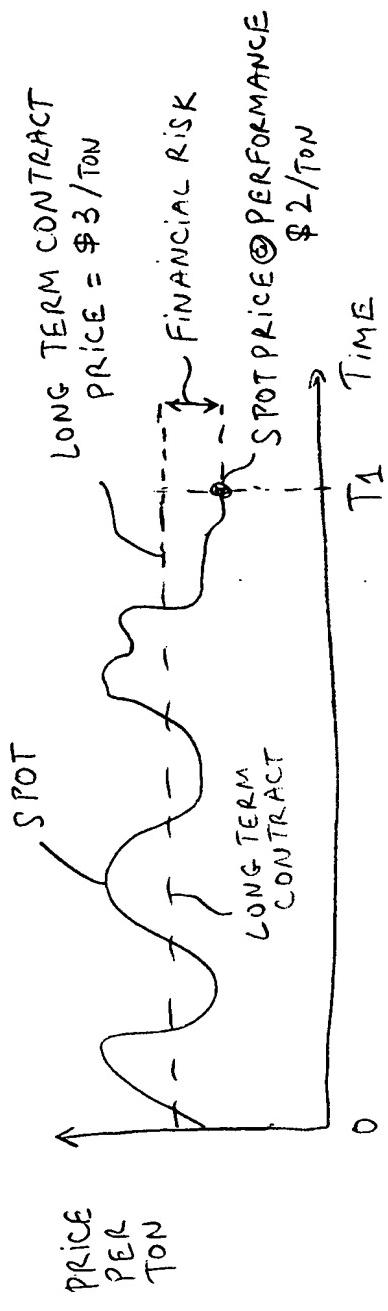


Fig. 1C

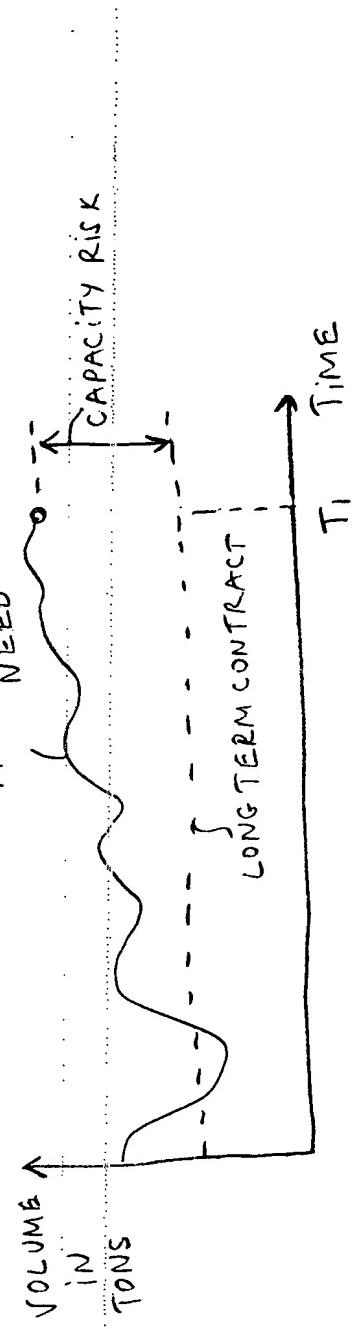


Fig. 1D

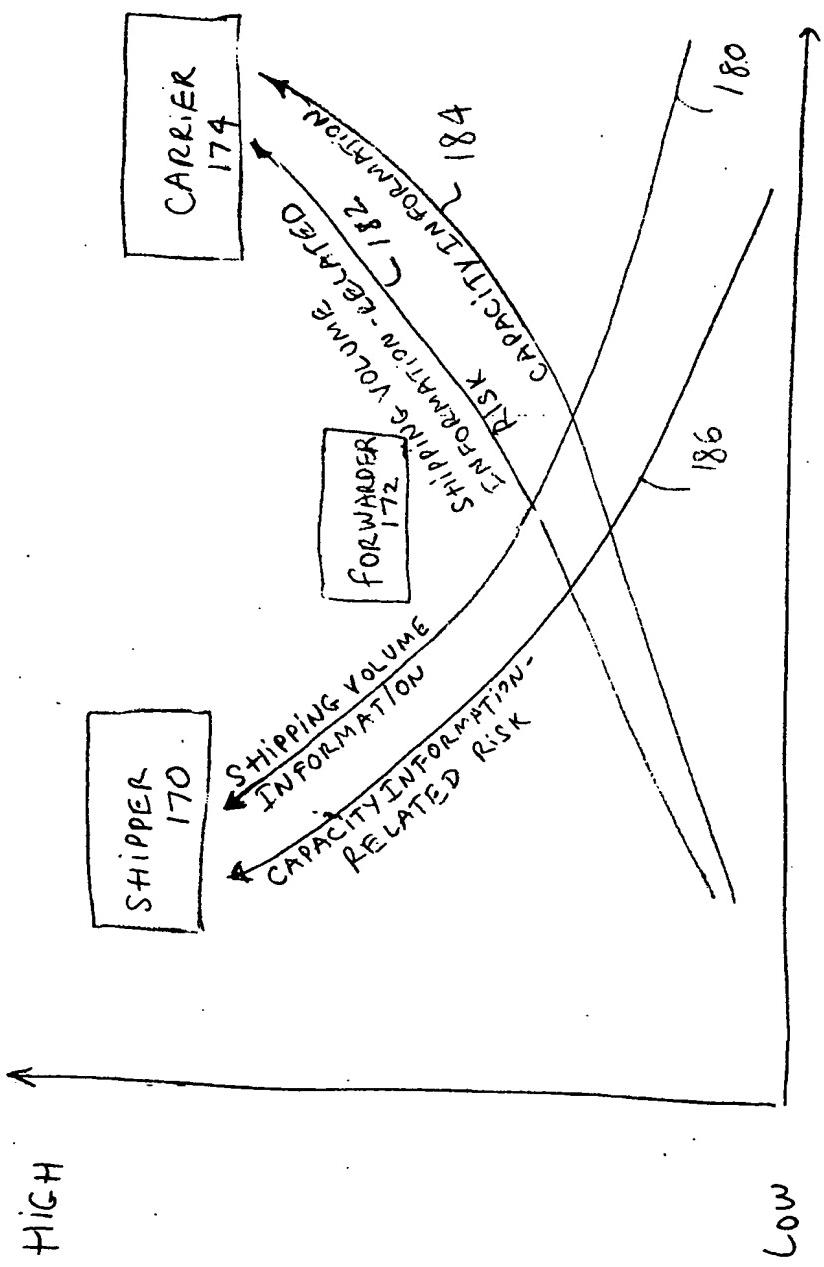


Fig. 1E

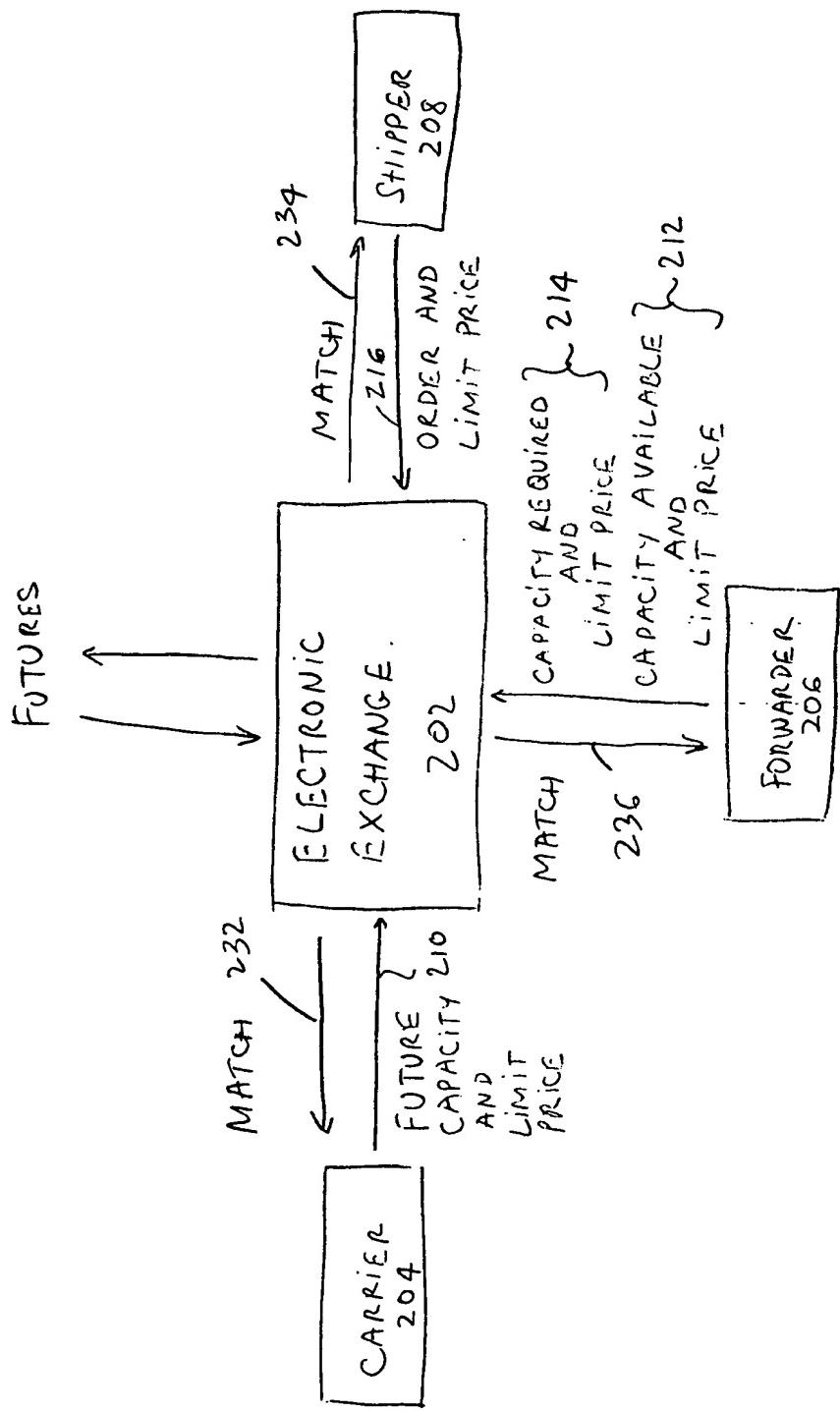


Fig. 2 (prior ART)

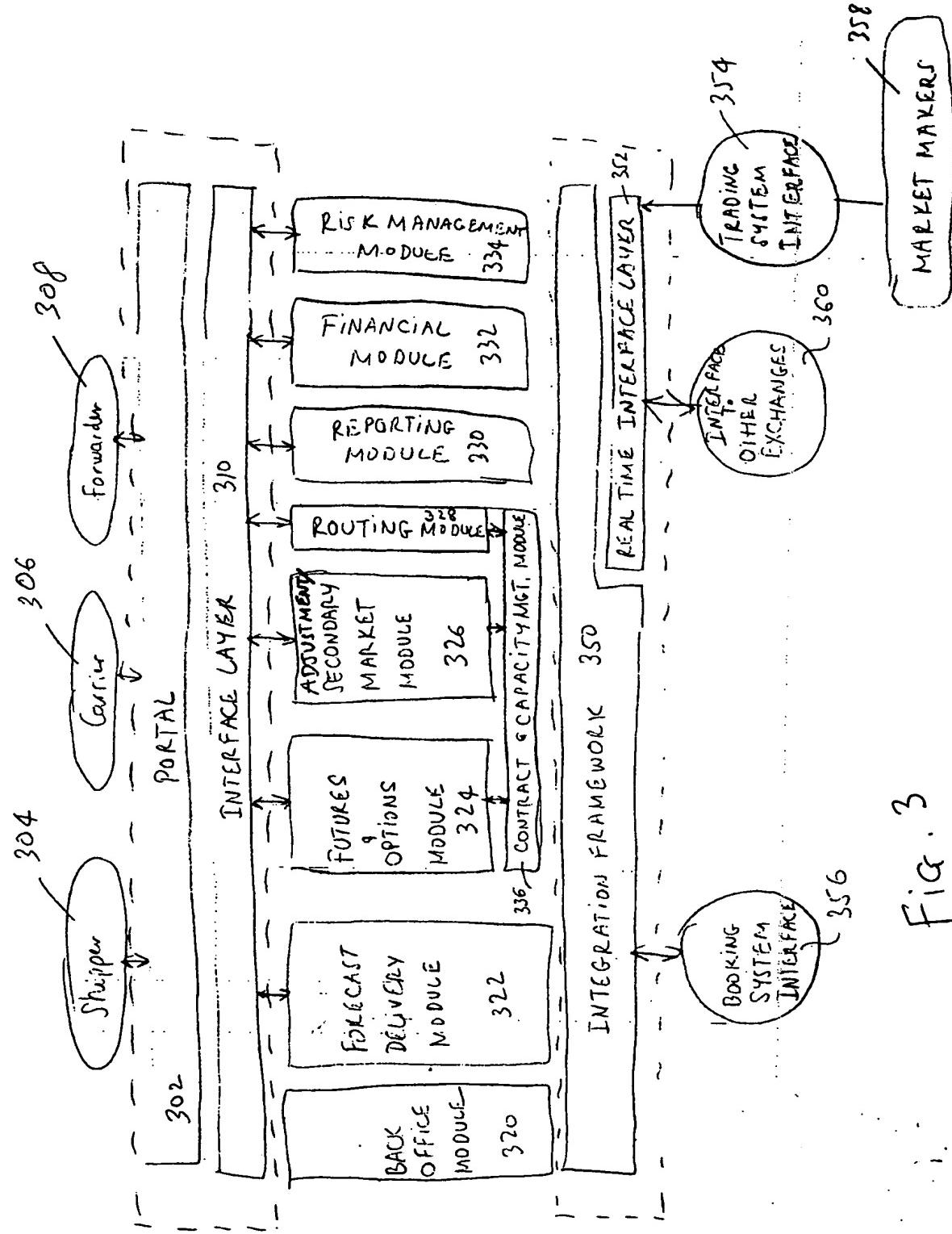


Fig. 3

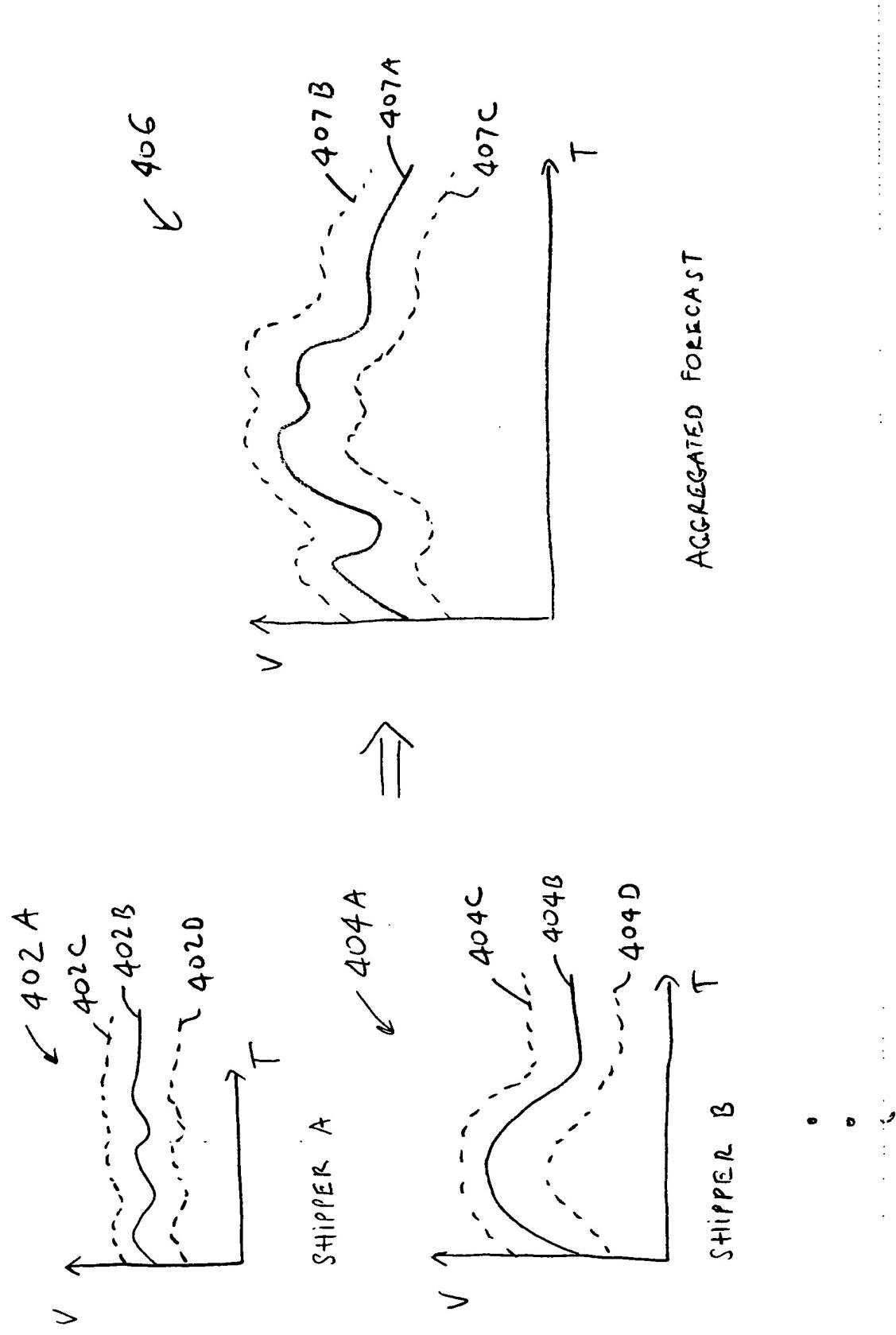


Fig. 4A

6 408

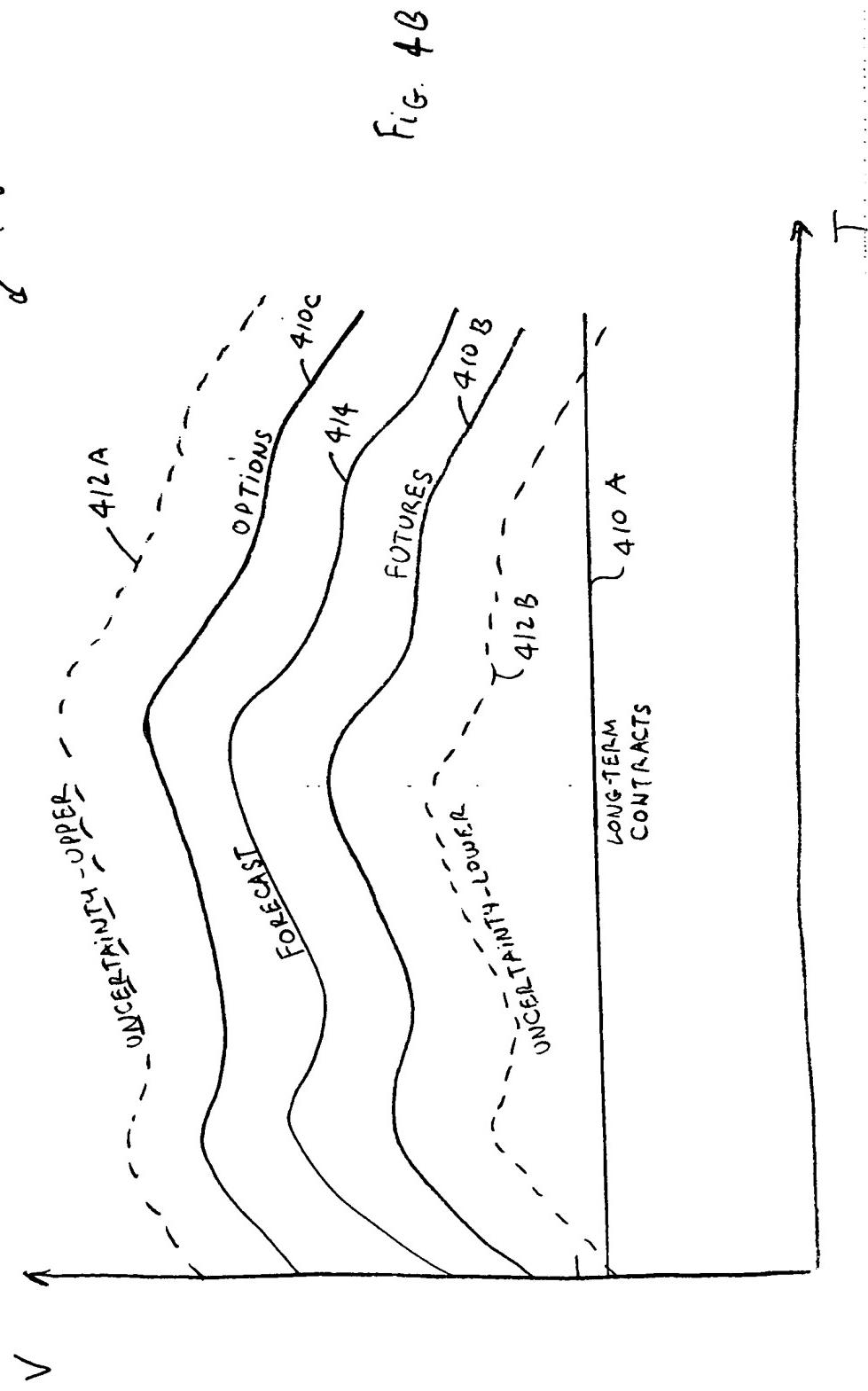


Fig. 4B

Fig 4c

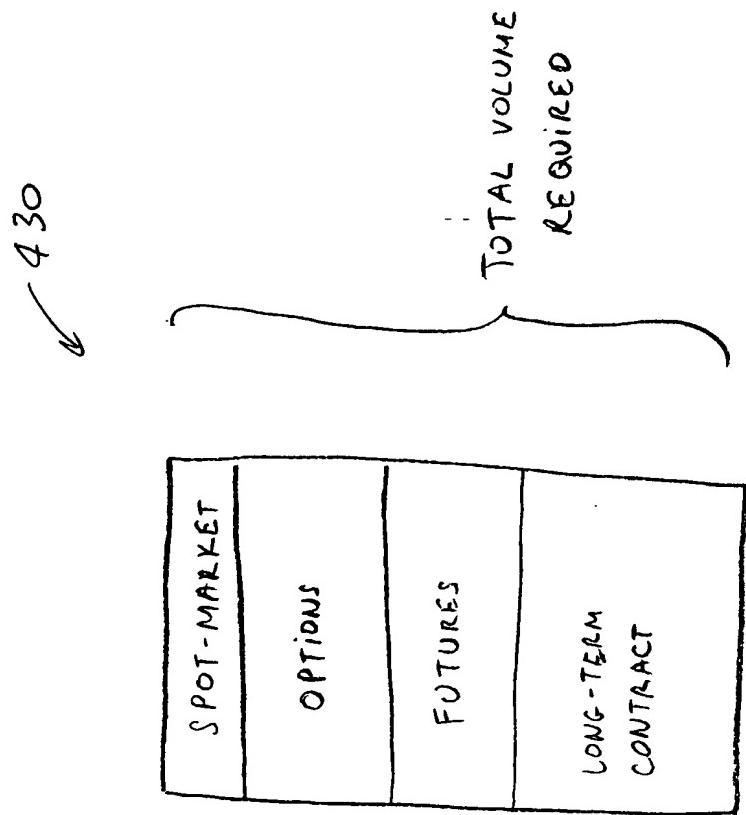
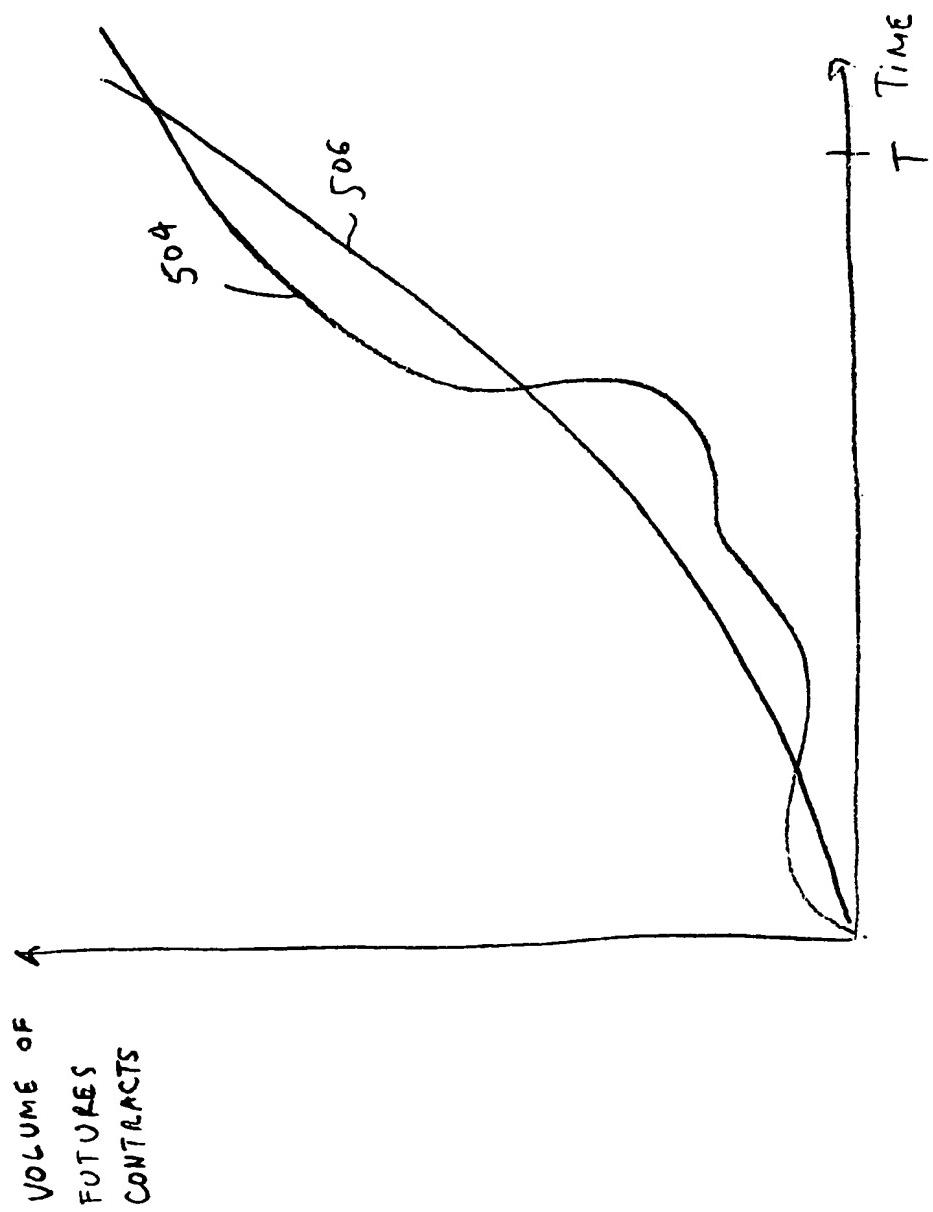


fig. 5A



VOLUME OF
FUTURES
CONTRACTS

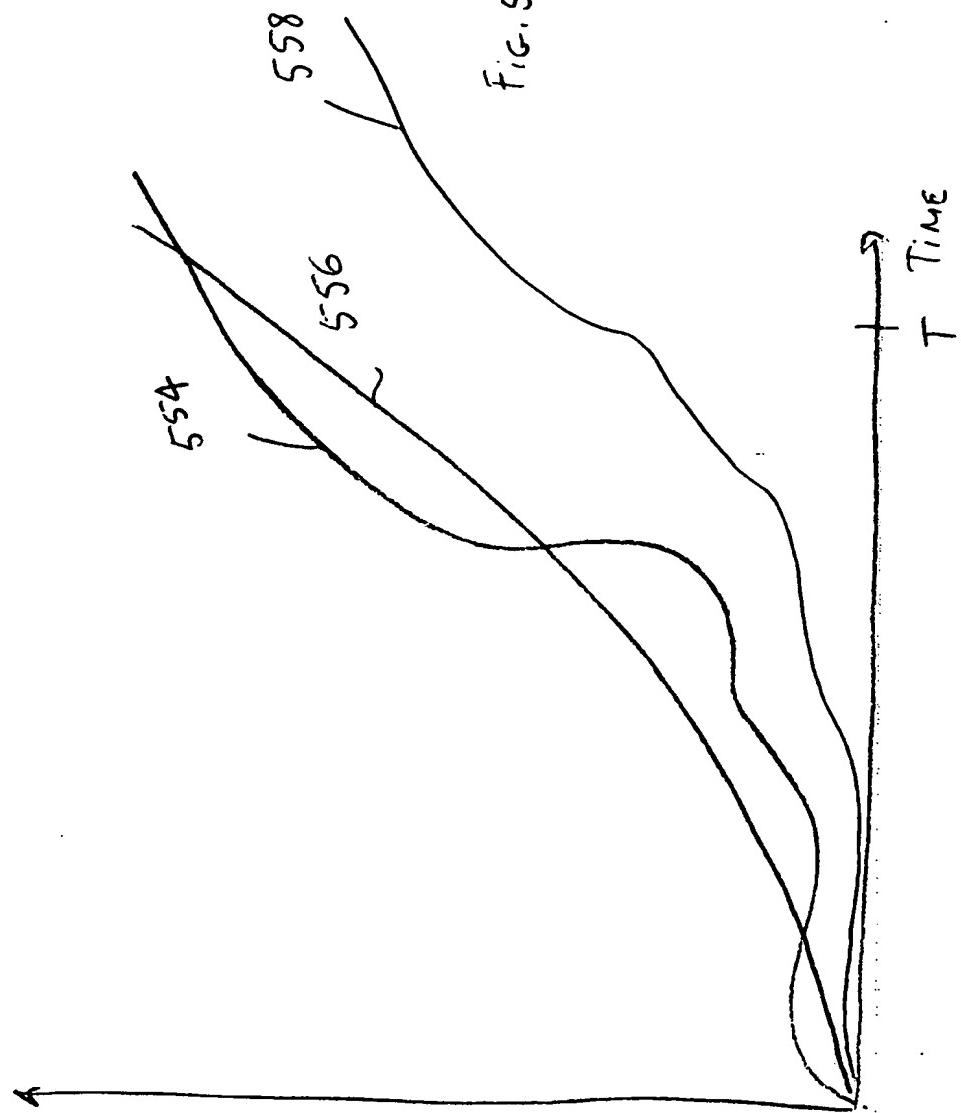


Fig. 5B

$$\text{Index}_V = \frac{\sum_{i \in V} \text{Price}_i \times \text{Volume}_i}{\sum_{i \in V} \text{Volume}_i}$$

Fig. 6

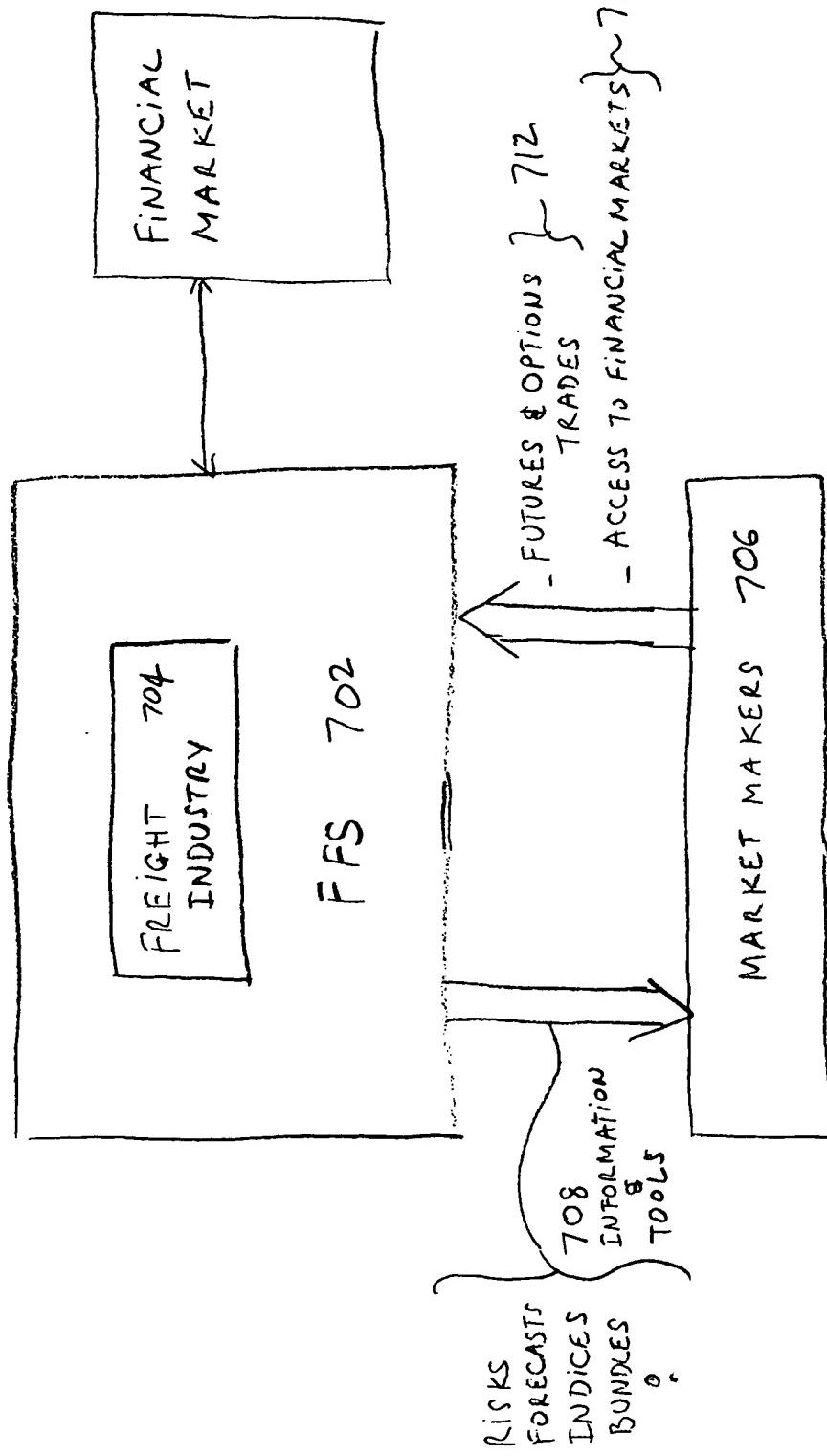


Fig. 7

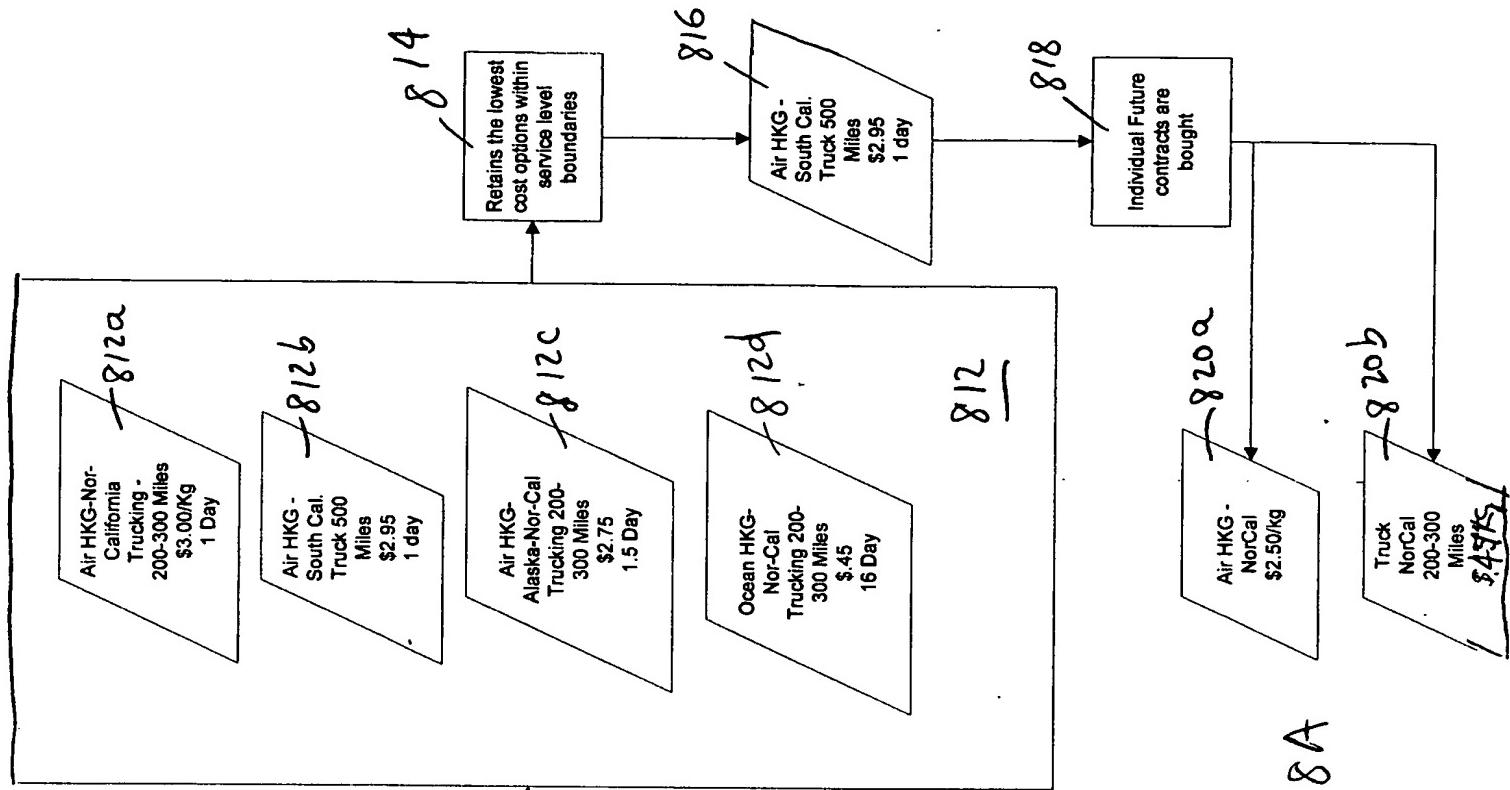
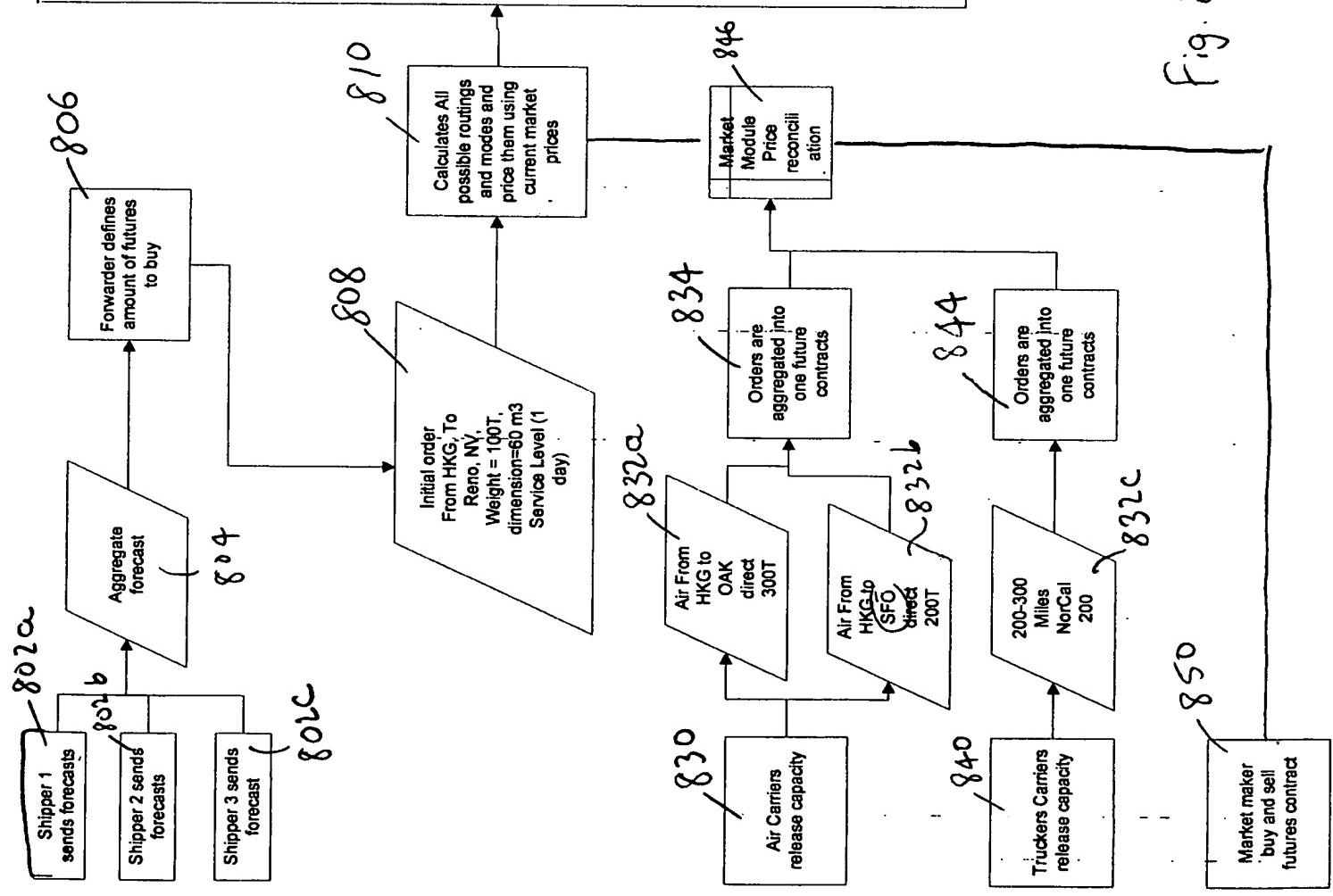
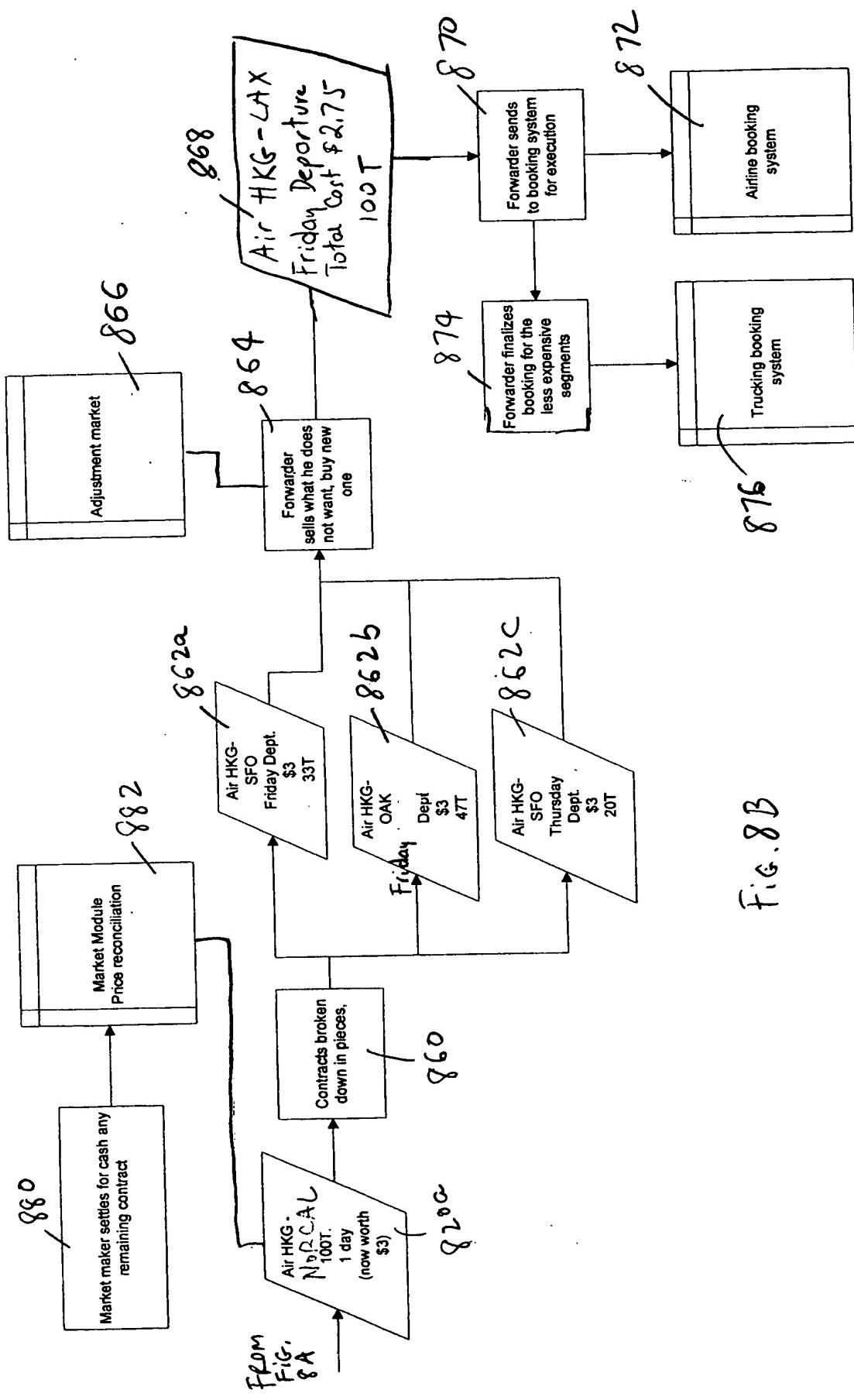


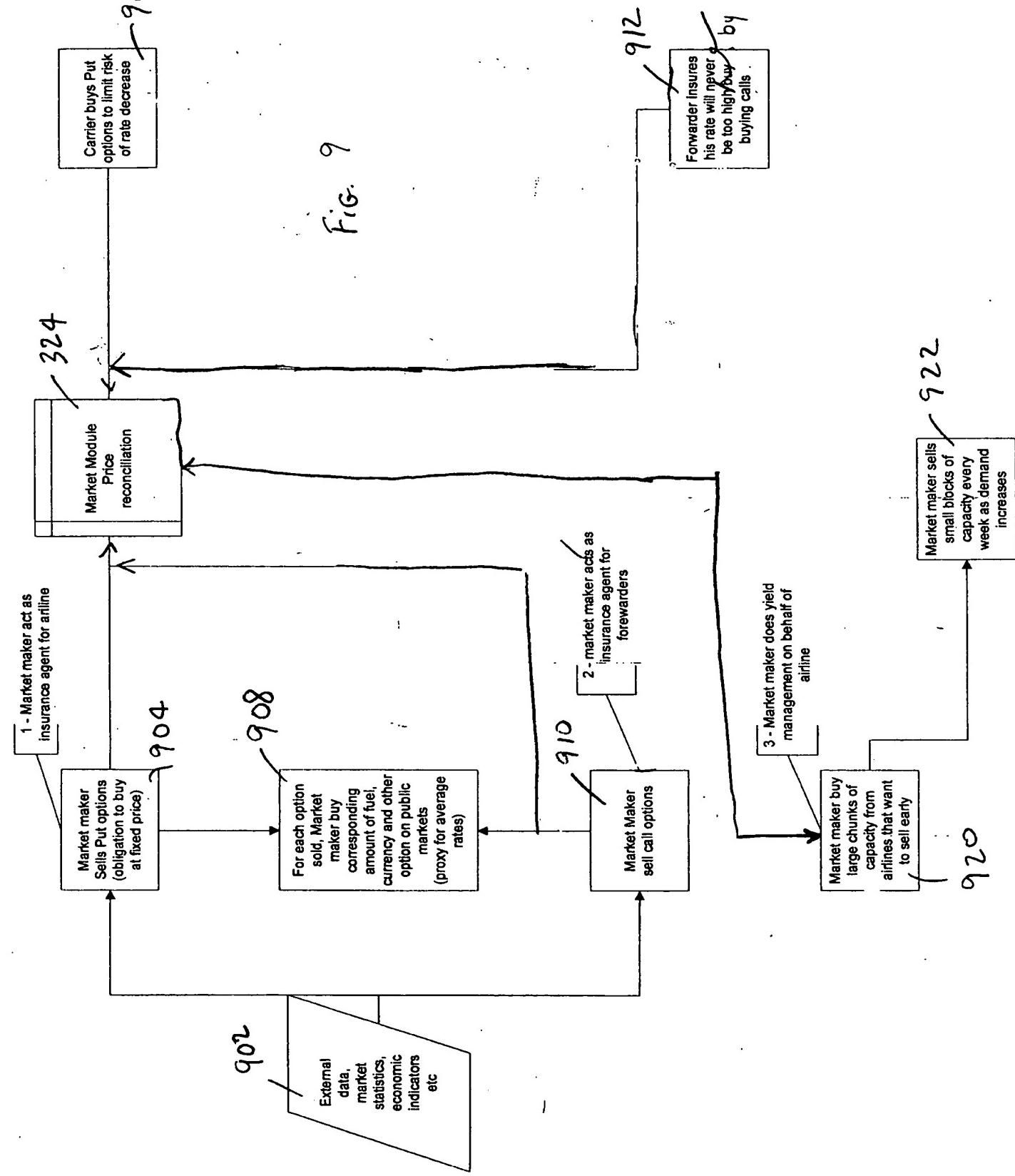
Fig. 8A





from
Fig.
8A

Fig. 8B



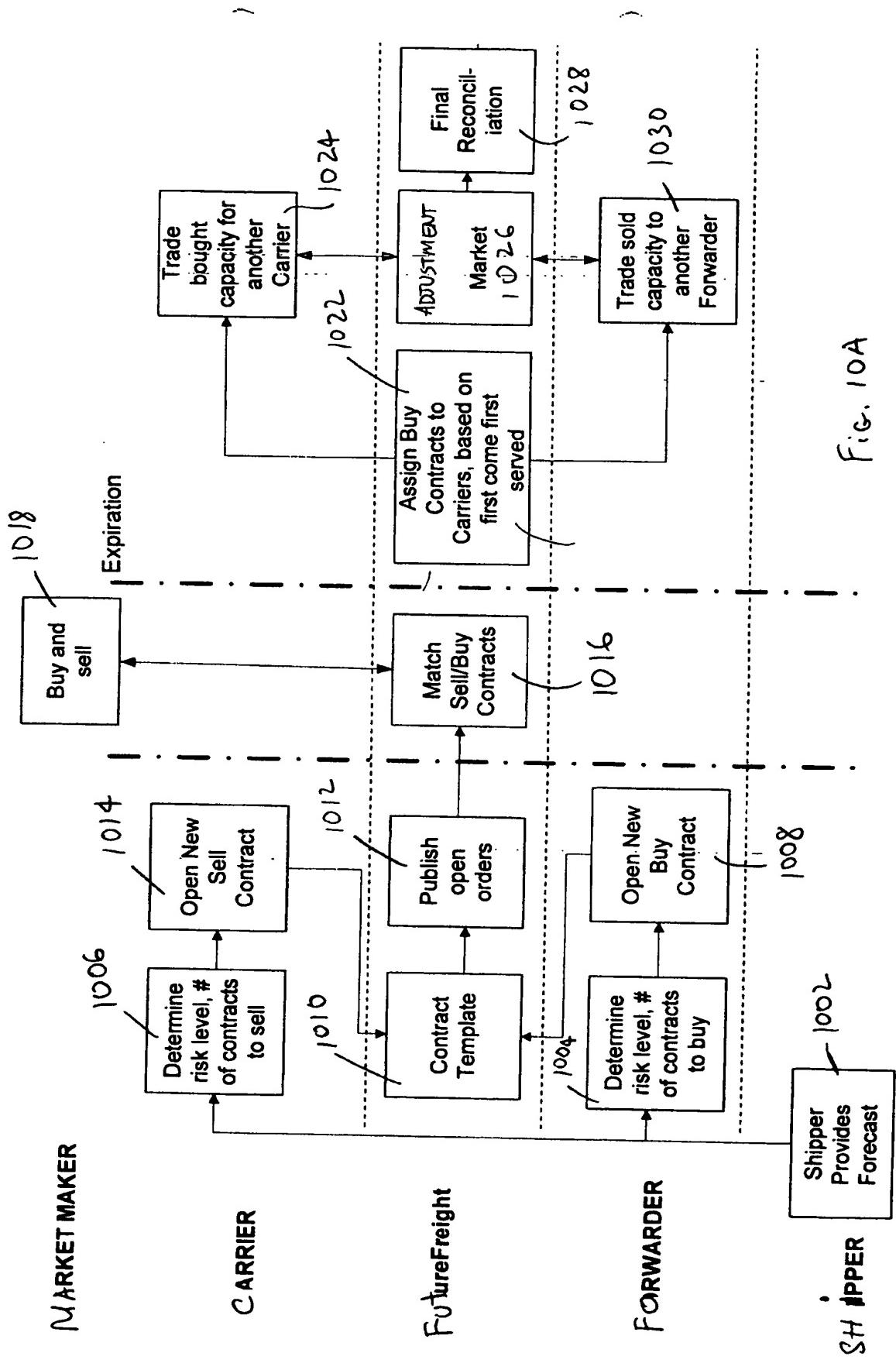


Fig. 10A

MARKET MAKER

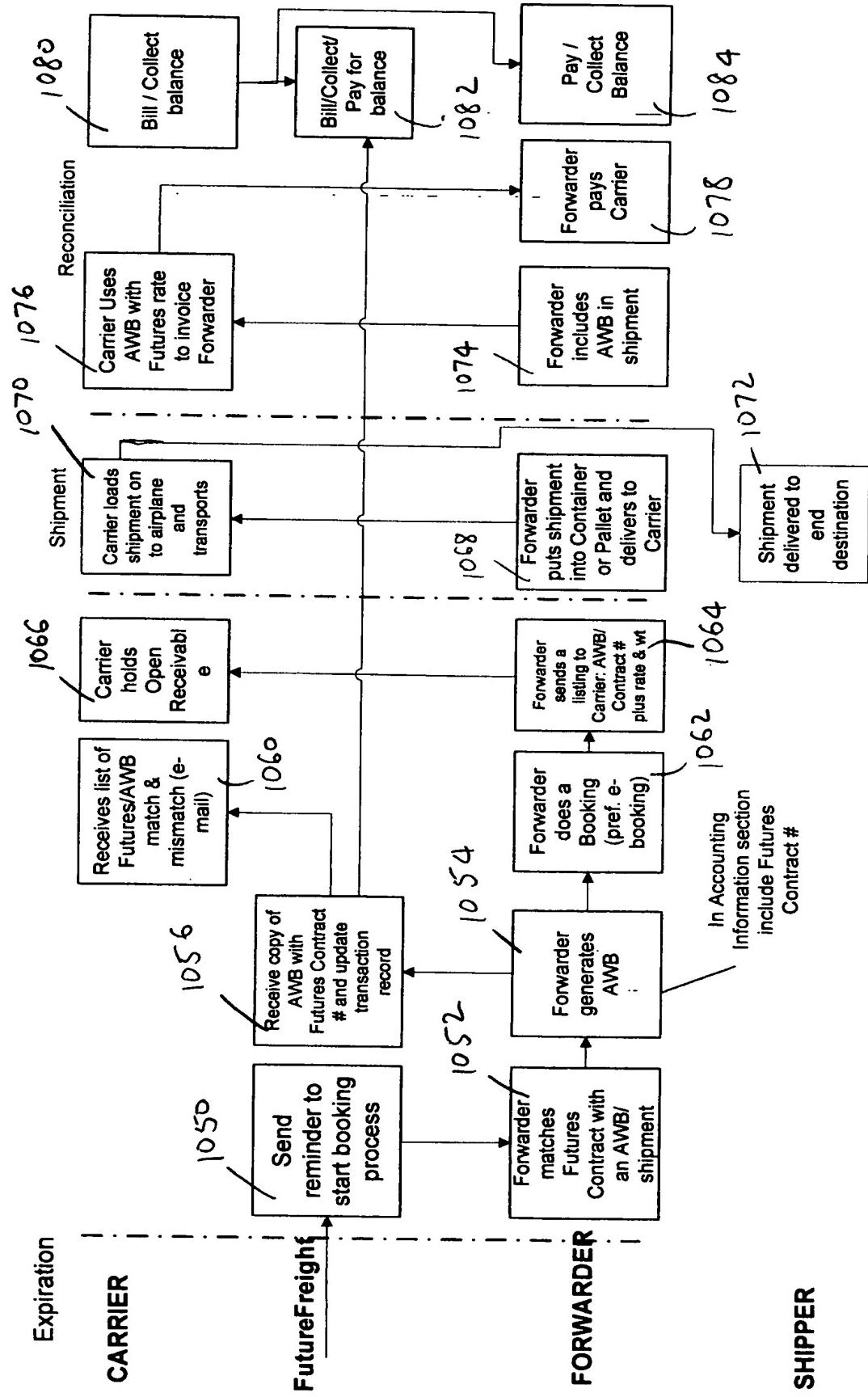


Fig. 10B

http://pminter/main/freight.asp - Microsoft Internet Explorer

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Future Freight™

Summary Market Commitment Order Forecast Indices History Signout

Enter Trade Details

Required

Action :	Buy
From :	HKG
To :	SFO
Month :	Feb-04
Day Of Week :	Monday(1)
Type of Order :	Market
Service Level :	Express
Dim Wt.	<input type="text"/>
Price :	<input type="text"/>
Make Order Private :	<input type="checkbox"/>
Type of Trading :	Futures
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

Optional

Airlines :	Select
Position :	Select
Cargo Type :	Select

Indices: Asi

Local Intranet

Done Start

Fig. 11

► Future Freight™

Select Region: From: Asia To: US-West Futures View

Market

Orig	Dest	Month	Service	Bid	Ask	Weight
HKG	SFO	Nov-03	2 Day	\$2.21		134
TPE	SFO	Nov-03	2 Day	\$2.30	\$2.31	134
TPE	LAX	Jan-04	Express	\$2.86	\$2.87	150
HKG	SFO	Feb-04	Express	\$2.45	\$2.48	100
HKG	LAX	Dec-03	1 day	\$2.23	\$2.34	100
PVG	SEA	Dec-03	Express	\$2.42	\$2.49	100
ICN	LAX	Nov-03	1 Day	\$2.86	\$2.89	75
						1202
						1206

My Commitments

Orig	Dest	Month	Service	Price	Curr Price	Gain	% of Forecast	Wt	Action
HKG	SFO	Nov-03	Express	\$1.30	\$1.80	.38	16%	76	B
HKG	SFO	Dec-03	Express	\$1.30	\$1.30	0	0%	20	B
PVG	SEA	Nov-03	Express	\$2.23	\$2.79	.672	12%	12	B
TPE	LAX	Feb-04	Express	\$2.86	\$2.86	0	0%	54	B
TPE	SFO	Jan-04	Express	\$2.23	\$2.12	-.132	13%	120	B
HKG	SEA	Dec-03	Express	\$1.90	\$6.00	176.3	9%	43	S
HKG	SFO	Dec-03	Express	\$2.23	\$2.40	.561	13%	33	S
ICN	LAX	Nov-03	Express	\$2.23	\$2.23	0	0%	10	S
PVG	SFO	Nov-03	2 day	\$2.23	\$2.50	26.73	34%	99	S

Summary Market Commitment Order Forecast Indices History Signout

Forwarder Dashboard

My Orders

Orig	Dest	Month	Service	Type of Order	Limit Price	Weight
SIN	SFO	Dec-03	1 Day	Buy	\$1.30	78
SIN	SFO	Nov-03	Express	Sell	\$2.48	54
TPE	SFO	Dec-03	1 Day	Sell	\$2.88	98
SIN	SFO	Feb-04	Express	Buy	\$1.58	45
ICN	LAX	Feb-04	Express	Sell	\$2.67	12
HKG	LAX	Jan-04	1 Day	Buy	\$1.56	40
ICN	SFO	Nov-03	1 Day	Iceberg Sell	\$1.54	150
TPE	LAX	Nov-03	Express	Sell	\$3.50	14
HKG	SFO	Dec-03	Express	Sell	\$3.00	134
				

Forecast

Orig	Dest	Shipper	Month	Cargo Type	Vol	Act Wt	Trd Wt	Cont	Qual
TPE	SFO	Cisco	Nov-04	Electronic	500	22	21	63%	B-
TPE	SFO	Sony	Nov-04	Electronic	200	15	15	78%	B+
TPE	SFO	Nike	Nov-04	Generic	600	0.5	1	28%	C-
Total					1300	37.5	37		
TPE	SFO	Sony	Dec-04	Electronic	317	30	30	45%	B+
TPE	SFO	Nike	Dec-04	generic	600	2	3	71%	B-
Total					917	32	33		

Fig. 12 A

Indices: Asia-US \$2.88,85 US/Asia \$0.85,25 Asia/EU \$0.54,38 EU/EU \$0.78,45 US/EU \$0.68,35 ... Routes TPE-SFO \$1.89,18 HK-LAX \$2.435



►► Future Freight!™

Select Region: From: Asia To: US-West



► Future Freight™

Select Region: From: Asia To: US-West Options View

Market

Orig	Dest	Month	Service	Bid	Ask	Strike	Weight
HKG	SFO	Nov-03	2 Day	0.05	0.06	\$2.31	134
TPE	SFO	Nov-03	2 Day	0.25	0.28	\$2.32	134
TPE	LAX	Jan-04	Express	0.07	0.12	\$2.59	150
HKG	SFO	Feb-04	Express	0.12	0.14	\$2.07	100
HKG	LAX	Dec-03	1 day	0.14	0.28	\$2.53	100
PVG	SEA	Dec-03	Express	0.15	0.16	\$2.43	100
ICN	LAX	Nov-03	1 Day	0.47	0.48	\$2.17	75

My Commitments

Orig	Dest	Month	Service	Strike Price	Prem	Curr Price	Gain	% of Forecast	Wt	Action
HKG	SFO	Nov-03	Express	\$1.30	0.07	\$1.80	.38	16%	76	B
HKG	SFO	Dec-03	Express	\$1.30	0.09	\$1.30	0	0%	20	B
PVG	SEA	Nov-03	Express	\$2.23	0.21	\$2.78	6.72	12%	12	B
TPE	LAX	Feb-04	Express	\$2.86	0.14	\$2.86	0	0%	54	B
TPE	SFO	Jan-04	Express	\$2.23	0.09	\$2.12	-13.2	-13%	120	B
HKG	SEA	Dec-03	Express	\$1.90	0.10	\$6.00	176.3	9%	43	S
HKG	SFO	Dec-03	Express	\$2.23	0.12	\$2.40	5.61	13%	33	S
ICN	LAX	Nov-03	Express	\$2.23	0.24	\$2.23	0	0%	10	S
PVG	SFO	Nov-03	2 day	\$2.23	0.44	\$2.50	26.73	34%	99	S

Carrier Dashboard

Market	Commitment	Order	Forecast	Indates	History	Signout

My Orders

Orig	Dest	Month	Service	Type of Order	Limit	Strike	Weight
SIN	SFO	Dec-03	1 Day	Buy	0.05	\$1.30	78
SIN	SFO	Nov-03	Express	Sell	0.12	\$2.48	54
TPE	SFO	Dec-03	1 Day	Sell	0.24	\$2.88	98
SIN	SFO	Feb-04	Express	Buy	0.14	\$1.58	45
ICN	LAX	Feb-04	Express	Sell	0.26	\$2.67	12
HKG	LAX	Jah-04	1 Day	Buy	0.18	\$1.56	40
ICN	SFO	Nov-03	1 Day	Iceberg Sell	0.43	\$1.54	150
TPE	LAX	Nov-03	Express	Sell	0.44	\$3.50	14
HKG	SFO	Dec-03	Express	Sell	0.09	\$3.00	134

Forecast

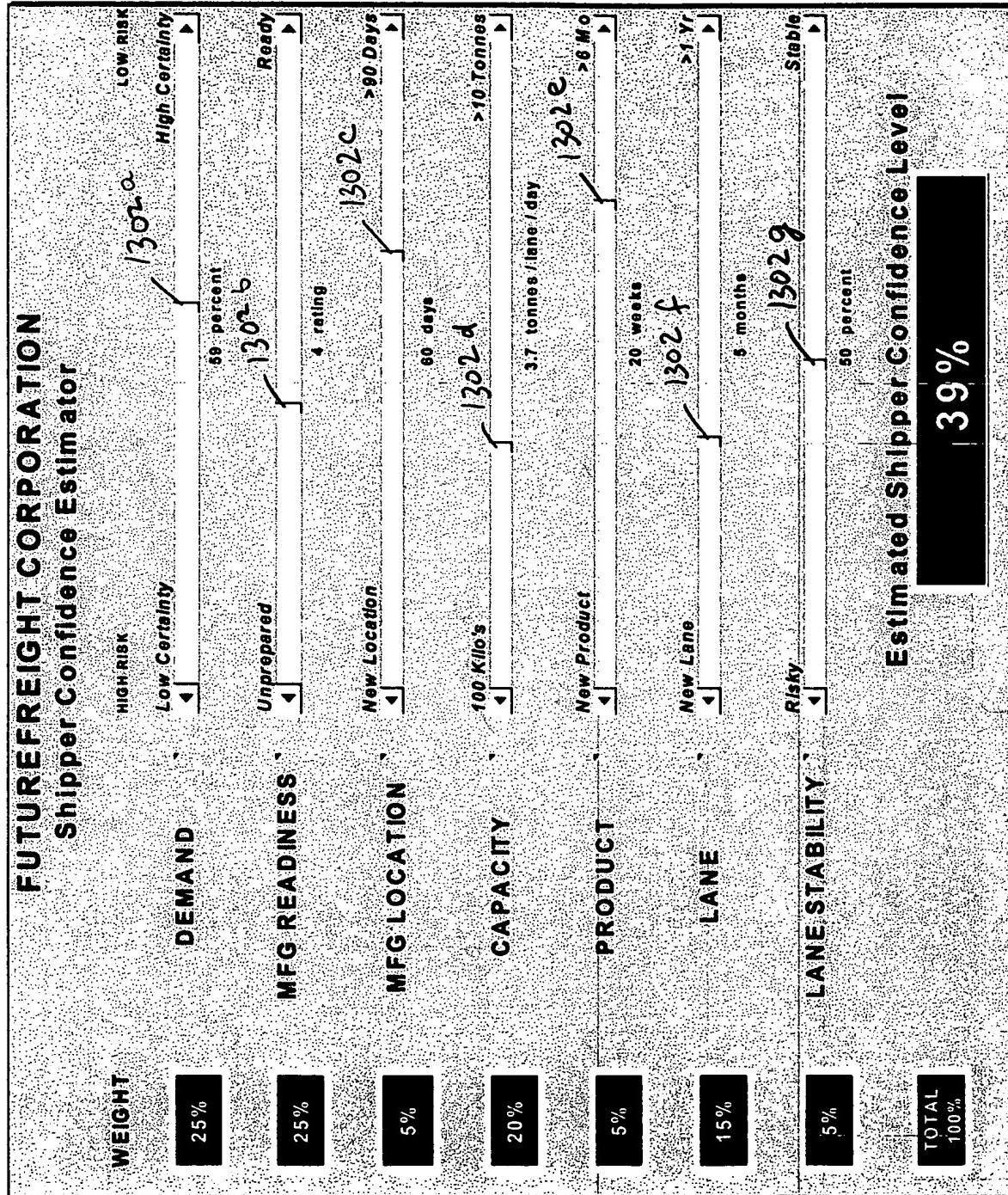
Orig	Dest	Conf	Month	Cargo Type	Vol	Act Wt	Trd Wt	Quality
TPE	SFO	64%	Nov-04	Electronic	500	22	21	B-
TPE	LAX	59%	Nov-04	Electronic	200	15	15	B+
TPE	SEA	23%	Nov-04	Generic	600	0.5	1	C-
Total					1300	37.6	37	
Total					317	30	30	B+

Indices: Asia/US \$2.88₈₅ US/Asia \$0.85 Asia/EU \$2.10₇₆ EU/Asia \$0.54₈₅ EU/EU \$0.78₄₅ HK/LAX \$2.4₅₅ Routes TPE-SFO \$1.89₁₈ HK-LAX \$2.4₅₅

Fig. 12C

Done	Start	Round Table II	Microsoft Act...	Internet...	In SQL Server E...	Local Intranet

FIG. 13



Shipper Confidence Level Factors

<u>Factor</u>	<u>Weight</u>	<u>High Risk</u>	<u>Low Risk</u>	<u>Notes</u>
<u>Factor</u>	<u>Weight</u>	<u>Low Certainty</u>	<u>High Certainty</u>	<u>Customer Demand</u>
DEMAND	25%			
MFG READINESS	25%	Unprepared	Ready	Includes availability of supplied material, internal resource readiness used to build product or part, set up required to build product or part
MFG LOCATION	5%	New Location	> 90 days	Sensitivity about where product is being built
CAPACITY	20%	100 kg	> 10 tonnes	Amount of capacity to be booked
PRODUCT	5%	New Product	> 6 months	Number of months product has been manufactured
LANE	15%	New lane	> 1 year	Number of months lane has been used for shipping
LANE STABILITY	5%	Risky	Stable	Estimate of lane stability (i.e. wars, strikes, etc.)

Fig. 14

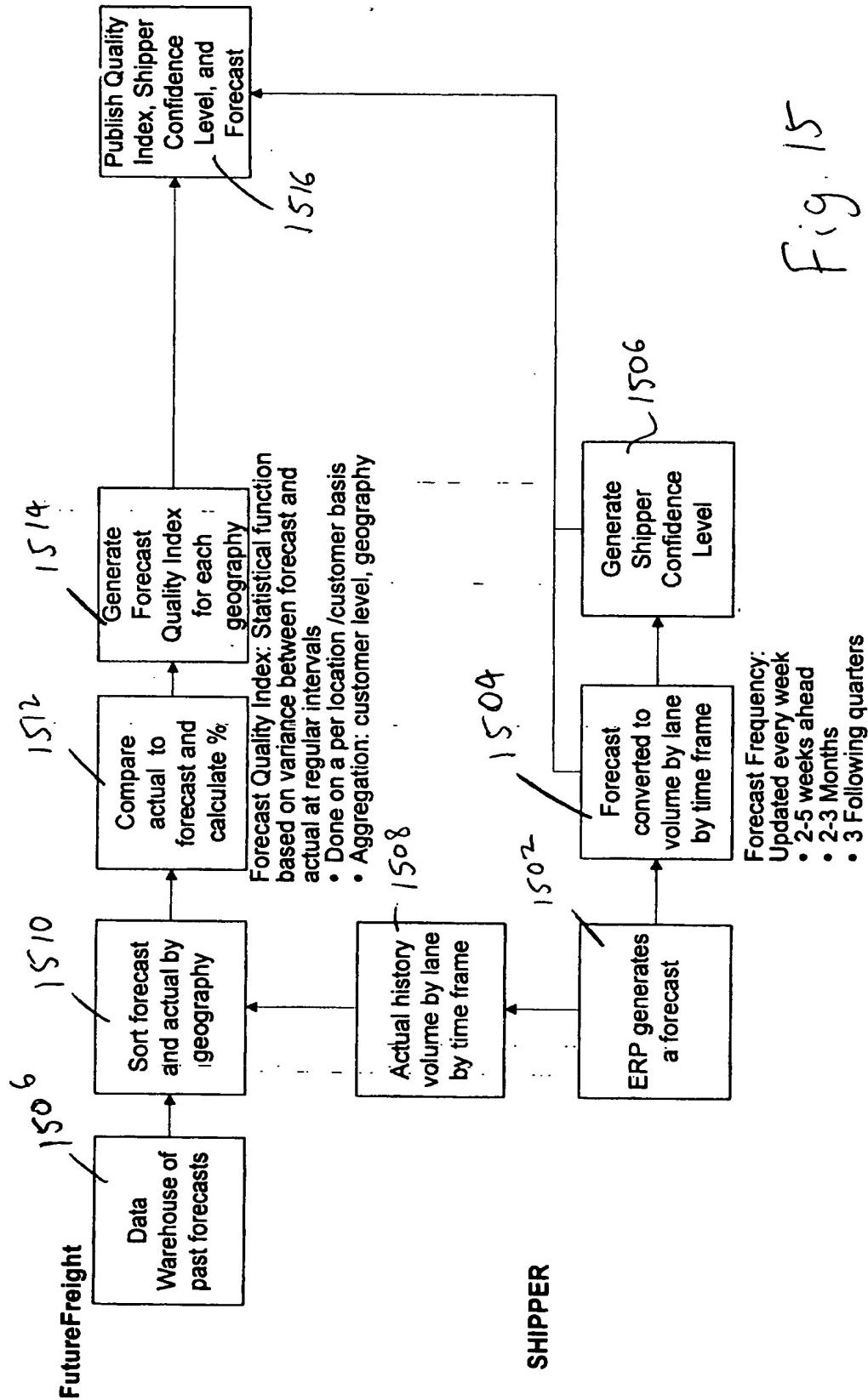


Fig. 15